

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

n re application of:

GEBAUER et al.

Appl. No.: 10/560,966

Filed: May 31, 2006

For: Pyrazolopyrimidines

Confirmation No.: 2373

Art Unit: 1754

Examiner: SAEED, Kamal A.

Atty. Docket: 2400.0140000/VLC/BLS

## Information Disclosure Statement under 37 C.F.R. § 1.97(b)

Mail Stop Amendment

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Listed on accompanying IDS Forms, PTO/SB/08A and PTO/SB/08B, are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Copies of documents **FP1** to **FP9** and **NPL1** to **NPL6** are submitted. However, in accordance with 37 C.F.R. § 1.98(a)(2), copies of U.S. patents and a patent application publication cited on the attached Form PTO/SB/08A, documents **US1** to **US3**, are not submitted.

In accordance with 37 C.F.R. § 1.98(a)(3), Applicants' undersigned representative submits the following discussion of the relevance of the non-English language documents, **FP1**, **FP3**, **FP7**, and **FP9**, cited on Form s PTO/SB/08A:

Document FP1, DE 31 30 633 A1, is in the German language. An English language equivalent of document FP1 is listed as document US1.

Document **FP3**, DE 38 20 538 A1, is in the German language. An English language equivalent of document FP3 is cited as document **FP2** and submitted herewith.

Document FP7, FR 2 794 745 A1, is in the French language. An English language abstract of document FP7 is cited as document NPL4 and submitted herewith.

Document **FP9**, WO 2004/00844 A1, is in the German language. An English language abstract of document FP9 can be found on the face page of the published patent application.

Applicants' would also like to bring to the attention of the Examiner that, for the following document, the volume could not be determined to the best of the Applicants' ability: **NPL1**, Chesterfield, J., *et al.*, "Pyrimidines. Part VIII. Halogens and Hydroxing pyrimidines," *J. Chem. Soc.* :3478-3481, Royal Society of Chemistry (1955).

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached IDS Forms based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may

not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.

It is respectfully requested that the Examiner initial and return a copy of the enclosed IDS Forms, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Bryan L. Skelton

Attorney for Applicants Registration No. 50,893

Date: MARCH 13,2007

1100 New York Avenue, N.W. Washington, D.C. 20005-3934 (202) 371-2600

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Equivalent of Form PTO/SB/08A (09-06)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

of

stitute for form 1449/PTO

TENT & TRACT

Sheet

(Use as many sheets as necessary)

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Complete if Known				
Application Number	10/560,966			
Filing Date	May 31, 2006			
First Named Inventor	Olaf GEBAUER			
Art Unit	1754			
Examiner Name	SAEED, Kamal A.			
Attorney Docket Number	2400.0140000/VLC/BLS			

U.S. PATENT DOCUMENTS						
Examiner Cite Document Number Initials No. Number-Kind Code <sup>2 (If Known)</sup>		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines,	
	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear			
	USI	4,567,263	01/28/1986	Eicken et al.		
	US2	4,908,056	03/13/1990	Tseng	"	
	US3	2006/0089499 A1	04/27/2006	Gebauer et al.		

FOREIGN PATENT DOCUMENTS						
Examiner Cite Initials* No.1		Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			T°	
	FP1	DE 31 30 633 A1	02/17/1983	BASF AG		
	FP2	GB 2 206 114 A	12/29/1988	Sandoz Ltd.		
	FP3	DE 38 20 538 A1	01/05/1989	989 Sandoz-Patent-GmbH		
	FP4	WO 96/37494 A1	11/28/1996	26 Zeneca Limited		
•	FP5	WO 98/25923 A1	06/18/1998	Zeneca Limited		
	FP6	WO 99/32464 A1	07/01/1999	Novartis AG; Novartis-Erfindungen Verwaltungsgesellschaft mbH		
-	FP7	FR 2 794 745 A1	12/15/2000	American Cyanamid Company	Abs	
	FP8	WO 01/11965 A1	02/22/2001	Aventis CropScience GmbH		
	FP9	WO 2004/00844 A1	03/12/2003	Bayer CropScience Aktiengesellschaft Ab		

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Signature	Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.





Robert Greene Sterne Jorge A. Goldstein David K.S. Corrwell Robert W. Esmond Tracy-Gene G. Durkin Michele A. Cimbala Michael B. Ray Robert E. Sokohl Eric K. Steffe Michael Q. Lee John M. Covert Robert C. Millonig Donald J. Featherstone Timothy J. Shea, Jr Michael V. Messinger Judith U. Kim Jeffrey T. Helvey

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Registered Patent Agents • Karen R. Markowicz Matthew J. Dowd Katrina Yujian Pei Quach Julie A. Heider Mita Mukherjee Scott M. Woodhouse Peter A. Socarras Jeffrey K. Mills Danielle L. Letting Lori Brandes Steven C. Oppenheimer Aaron S. Lukas Gaurav Asthana

<u>Of Counsel</u> Edward J. Kessler Kenneth C. Bass III Marvin C. Guthrie

\*Admitted only in Maryland \*Admitted only in Virginia •Practice Limited to Federal Agencies

March 13, 2007

WRITER'S DIRECT NUMBER: (202) 772-8769 INTERNET ADDRESS: BSKELTON@SKGF.COM

Art Unit 1754

Attn: Mail Stop Amendment

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Re:

U.S. Patent Application

Application No. 10/560,966; § 371 Filing Date: May 31, 2006

For: **Pyrazolopyrimidines** Inventors: GEBAUER *et al.* 

Our Ref: 2400.0140000/VLC/BLS

Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. Information Disclosure Statement under 37 C.F.R. § 1.97(b);
- 2. Form PTO/SB/08A (1 sheet);
- 3. Form PTO/SB/08A (1 sheet);
- 4. Copies of fifteen (15) cited references (FP1 FP9 and NPL1 NPL6);
- 5. Return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier.

In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Sterne, Kessler, Goldstein & Fox P.L.C.: 1100 New York Avenue, NW: Washington, DC 20005: 202.371.2600 f 202.371.2540: www.skgf.com

Commissioner for Patents March 13, 2007 Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Bryan L. Skelton

Attorney for Applicants Registration No. 50,893

BLS/egw Enclosure(s)

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Substrate for form 1449/PTO		Complete if Known			
-				Application Number	10/560,966
INFORMA	TION	DISC	LOSURE	Filing Date	May 31, 2006
STATEMENT BY APPLICANT (Use as many sheets as necessary)		First Named Inventor	GEBAUER, Olaf		
		Art Unit	1754		
				Examiner Name	SAEED, Kamal A.
Sheet	1	of	1	Attorney Docket Number	2400.0140000/VLC/BLS

		NON PATENT LITERATURE DOCUMENTS			
Examiner Cite No. 1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			
	NPL1	Chesterfield, J., et al., "Pyrimidines. Part VIII. Halogeno- and Hydrazino-pyrimidines," J. Chem. Soc. :3478-3481, Royal Society of Chemistry (1955)			
	NPL2	Novinson, T., et al., "Novel Heterocyclic Nitrofurfural Hydrazones. In Vivo Antitrypanosomal Activity," J. Med. Chem. 19:512-516, American Chemical Society (1976)			
	NPL3	Novinson, T., et al., "Synthesis and Antifungal Properties of Certain 7-Alkylaminopyraolo[1,5-a]pyrimidines," J. Med. Chem. 20:296-299, American Chemical Society (1977)			
	NPL4	Dialog 351, Accession No. 10503903, Derwent WPI English language abstract for FR 2 794 745 A1 (listed on accompanying PTO/SB/08A as FP7)			
	NPL5	STNEasy Database, CAS Registry No. 185982-80-3, accessed March 9, 2007			
	NPL6	STNEasy Database, CAS Registry No. 185984-60-5, accessed March 9, 2007			

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Examiner	Date	
Signature	Considered	

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This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.